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Geology and Earth
WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: **Miller Quarry**
2. Name of applicant: **Seubert Excavators, Inc.**
3. Address and phone number of applicant and contact person:
P.O. Box 57
Cottonwood, Idaho 83522
(208) 962-3314
Contact: Nick Seubert
4. Date checklist prepared: **June 20, 2006**
5. Agency requesting checklist: **Department of Natural Resources**
6. Proposed timing or schedule (including phasing, if applicable): **July 2006 to December 2011**
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
Yes, future mining at the quarry may extend into subsequent years in accordance with the approved reclamation plan.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. **Department of Natural Resources Reclamation Permit (App/Permit No. _____)**

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. **No**

10. List any government approvals or permits that will be needed for your proposal, if known.

~~Department of Natural Resources Reclamation Permit~~

Whitman County AUP

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

- **Crush and stockpile gravel for Whitman County and the State of Idaho**
- **Total disturbed area will be ±33 acres**
- **The maximum vertical depth below pre-mining topographic grade is 200 feet**

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Portions of the SE of the SE quarter, Section 6, Township 15 N, Range 43 E, W.M., and portions of the SW of the SW quarter, Section 5, Township 15 N, Range 43 E, W.M., known as the Miller Quarry, located approximately 5.5 miles southwest of Colfax, Washington, adjacent to Almota Road.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (flat, rolling, hilly, steep slopes, mountainous, other)

Narrow valley with areas of steep slopes

b. What is the steepest slope on the site (approximate percent slope)?

Approximately 45 percent

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

Basalt Rock covered by light overburden

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

No

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

None proposed

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

No

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

None

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Areas of exposed soil will be seeded to reduce the affects of wind and water erosion.

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Minimal amounts of crusher dust.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Apply water to crusher screens and drop points if necessary.

3. Water

- a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Union Flat Creek is approximately 140 feet south of a level portion of the permitted area. Mining will not occur in this area within the 200-foot boundary. The Creek is a tributary to the Palouse River that is a tributary to the Snake River. Almota Road is located between the stream and the permitted area, providing a physical barrier that prevents a surface water connection to the creek. A 30-foot buffer of undisturbed ground will be maintained on the quarry side of the road.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

An area of approximately 30 feet by 200 feet where vehicles or machinery may be placed is within 200 feet of Union Flat Creek and its 100-year flood plane. Mining will not occur within the 200-foot buffer. Almota Road is located between the stream and the permit area, providing a physical barrier that prevents a surface water connection to the creek. On the quarry side of the road, a 30-foot buffer of undisturbed ground will be maintained.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Stormwater only. All of the stormwater will infiltrate onsite. Pit floor will be sloped 1/2 to 1 percent to drain into the proposed erosion control pond.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

No

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

None needed

4. Plants

a. Check or circle types of vegetation found on the site:

_____ deciduous tree: alder, maple, aspen, other

_____ evergreen tree: fir, cedar, pine, other

_____ shrubs

 x grass

_____ pasture

 x crop or grain

_____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

_____ water plants: water lily, eelgrass, milfoil, other

_____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Crop and native grasses in overburden

c. List threatened or endangered species known to be on or near the site.

None

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

None

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other: **Crows and magpies**

mammals: deer, bear, elk, beaver, other: **None**

fish: bass, salmon, trout, herring, shellfish, other: **None**

b. List any threatened or endangered species known to be on or near the site.

None

c. Is the site part of a migration route? If so, explain.

No

d. Proposed measures to preserve or enhance wildlife, if any:

None needed

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Diesel generator to run crusher

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None needed

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No

- 1) Describe special emergency services that might be required.

None needed

- 2) Proposed measures to reduce or control environmental health hazards, if any:

Possible use of water to control dust

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

A low noise level crusher will be used at the site for two 12-hour shifts per day on a short-term basis as construction demands require.

3) Proposed measures to reduce or control noise impacts, if any:

None needed

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?

The site is agricultural farmland. An actively farmed area of approximately one-acre is within the area of disturbance. The remaining area of disturbance is ground that is unsuitable for farming due to steep grades. Adjacent property is farmland with crops, silos, and equipment storage

b. Has the site been used for agriculture? If so, describe.

Approximately one-acre on the southwest corner of the area of disturbance is currently farmed.

c. Describe any structures on the site.

None

d. Will any structures be demolished? If so, what?

No

e. What is the current zoning classification of the site?

Agricultural district zone

f. What is the current comprehensive plan designation of the site?

~~Open space~~ **AG**

g. If applicable, what is the current shoreline master program designation of the site?

N/A

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No

i. Approximately how many people would reside or work in the completed project?

None

j. Approximately how many people would the completed project displace?

None

k. Proposed measures to avoid or reduce displacement impacts, if any:

None needed

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

None needed

9. **Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None needed

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None

- c. Proposed measures to reduce or control housing impacts, if any:

None needed

10. **Aesthetics**

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A

- b. What views in the immediate vicinity would be altered or obstructed?

An existing steep hillside with exposed rock outcroppings will be altered.

- c. Proposed measures to reduce or control aesthetic impacts, if any:

The highwall will be finished to have vertical faces less than 50 feet in height with chutes, buttresses, talus slopes, and niches for vegetation and wildlife habitat.

11. **Light and glare**

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Night operation of the quarry during periods of crushing will utilize lights for the work area.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

No

- c. What existing off-site sources of light or glare may affect your proposal?

None

- d. Proposed measures to reduce or control light and glare impacts, if any:

Work lights will be facing the vertical face for night operations.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

None

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None needed

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None

- c. Proposed measures to reduce or control impacts, if any:

None needed

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Almota road from the City of Colfax curves around the west and south boundary of the site. An existing access enters the proposed quarry site at the southwest corner. ~~Additional access will be available to Phase 3 and 4 of the quarry via a farm access road along the south boundary of the site.~~

Whittman County will allow one access on southeast portion of plat.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No, not applicable

- c. How many parking spaces would the completed project have? How many would the project eliminate?

None

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

None

- g. Proposed measures to reduce or control transportation impacts, if any:

None needed

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

- b. Proposed measures to reduce or control direct impacts on public services, if any.

None needed

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

None

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:

Nicholas P. Schubert

Date Submitted:

6-29-06



WASHINGTON STATE DEPARTMENT OF
Natural Resources

**COUNTY OR MUNICIPALITY
APPROVAL FOR
SURFACE MINING
(Form SM-6)**

NAME OF COMPANY OR INDIVIDUAL APPLICANT(S) Same as name of the exploration permit holder. (Type or print in ink.) Seubert Excavators, Inc.		TOTAL ACREAGE AND DEPTH OF PERMIT AREA (Include all acreage to be disturbed by mining, setbacks, and buffers, and associated activities during the life of the mine.) (See SM-8A.) Total area disturbed will be <u>33</u> acres Maximum vertical depth below pre-mining topographic grade is <u>200</u> feet Maximum depth of excavated mine floor is <u>1.870</u> feet relative to mean sea level																															
MAILING ADDRESS P.O. Box 57 Cottonwood, Idaho 83522 RECEIVED JUL 05 2006 Geology and Earth Telephone (208) 962-3314		COUNTY _____ No attachments will be accepted. Legal description of permit area: <table border="1"><thead><tr><th>1/4</th><th>1/4</th><th>Section</th><th>Township</th><th>Range</th></tr></thead><tbody><tr><td>SE</td><td>SE</td><td>6</td><td>15</td><td>43E, W.M.</td></tr><tr><td>SW</td><td>SW</td><td>5</td><td>15</td><td>43E, W.M.</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>		1/4	1/4	Section	Township	Range	SE	SE	6	15	43E, W.M.	SW	SW	5	15	43E, W.M.															
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SW	SW	5	15	43E, W.M.																													
Proposed subsequent use of site upon completion of reclamation The quarry wall will be reclaimed as a wildlife area with a partially re-vegetated rock face with rubble and vertical faces varied from 1:1 to 2:1 (horizontal:vertical). Subsequent use of the quarry floor will be for agricultural purposes such as equipment, hay or grain storage, shop buildings, feed lot, or other permitted uses.																																	
Signature of company representative or individual applicant(s) Nicholas P. Seubert		Name and title of company representative (please print) Nicholas P. Seubert President	Date signed 6-29-06																														
TO BE COMPLETED BY THE APPROPRIATE COUNTY OR MUNICIPALITY: Please answer the following questions 'yes' or 'no'. 1. Has the proposed surface mine been approved under local zoning and land-use regulations? 2. Is the proposed subsequent use of the land after reclamation consistent with the local land-use plan/designation? When complete, return this form to the appropriate Department of Natural Resources regional office. <table border="1"><thead><tr><th>Yes</th><th>No</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></tbody></table>				Yes	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																								
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Name of planning director or administrative official (please print) MARK BORDSEN		Address WHITMAN COUNTY PLANNING PO BOX 430 COLFAX WA 99111-0430																															
Signature Mark Borden																																	
Title (please print) COUNTY PLANNER																																	
Telephone 509 397 6212		Date 29 JUN 06	DNR Reclamation Permit No. 130783																														
FOR DEPARTMENT USE ONLY:																																	

